

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

38-083-13
VANCEBURG QUADRANGLE
194 KENTUCKY-OHIO 8
N3830-W8315/15
DIAGRAM NJ 17-4
HUNTINGTON

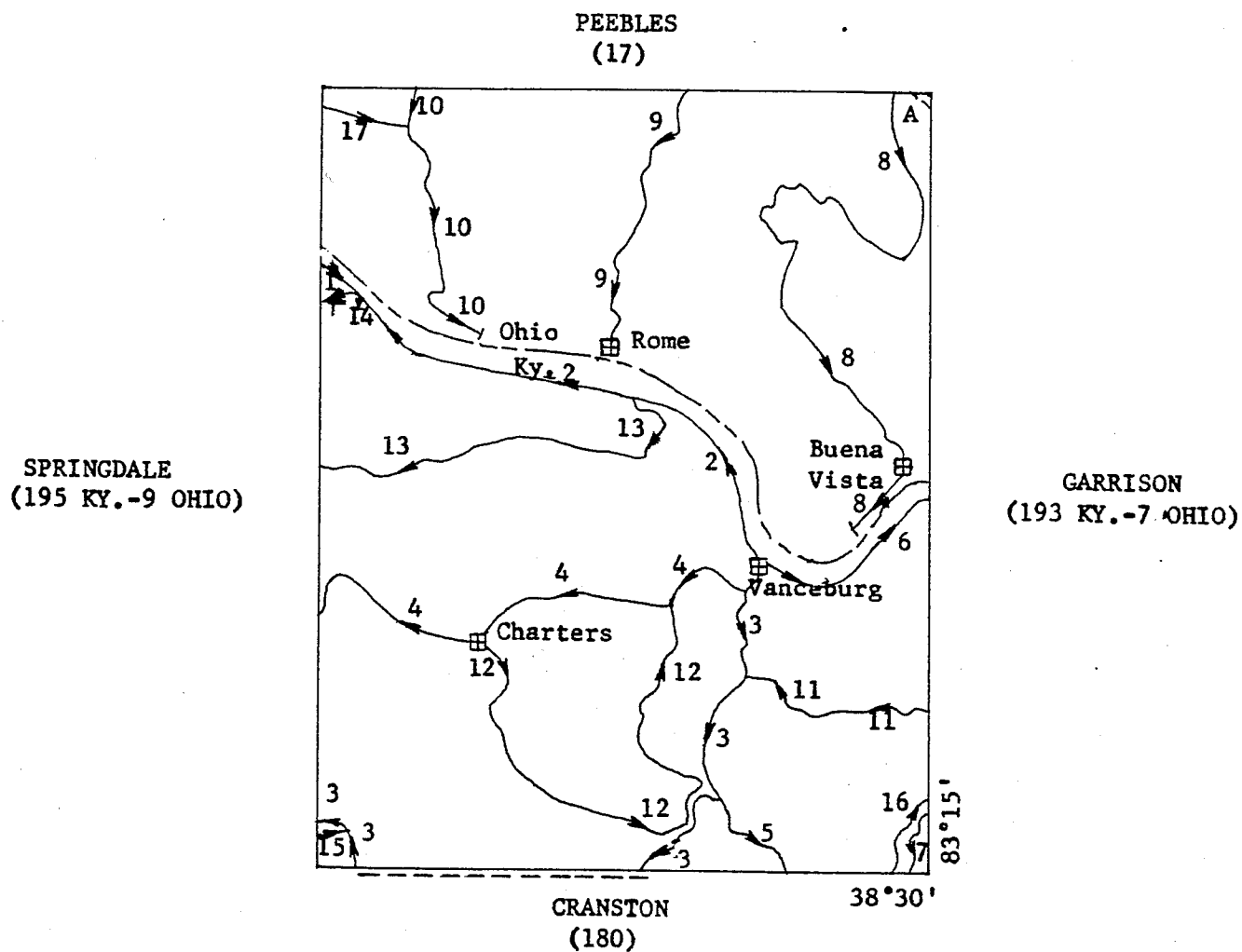
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Lewis County, Kentucky
Adams and Scioto
Counties, Ohio

Final adjustment of 1962

Edition of 4/30/74

PR: LFB/mid



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 380831

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ISOLATED BENCH MARKS (By Howard Clark, C. E. Mills, and C. B. Shaw 1910; Books A 8574, A 8575, and A 8576)	<u>Feet</u>
Tulip, 0.1 mi N. of post office; 0.2 mi SW. of crossroads; 20 ft NW. of junction of abandoned T-rd. NW.; 15 ft W. of main rd.; on iron post; standard cap stamped "808" (Reported disturbed, 1960)	808.235
Rome, 50 ft SE. of center of intersection of Main and Second Streets; on iron post; standard cap stamped "PRIM TRAV STA NO 16 1910 524" (Reported destroyed, 1948)	524.949
Buena Vista, 0.5 mi NE. of; 30 ft W. of center of crossroads; on iron post; standard cap stamped "PRIM TRAV STA NO 9 1910 OHIO 515" (Reported not found, 1948)	514.980
Wrightsville, 3.6 mi SE. of; 0.5 mi NW. of large steel bridge over Ohio Brush Creek; at NE. corner of rd. forks; on iron post; standard cap stamped "544"	544.911
Rome, 4.8 mi SE. of; at intersection of private rds. E. and W.; in center of forks made by rd. E.; on iron post standard cap stamped "579" (Reported not found, 1948)	580.246
Brushy Fork School, 1.3 mi SW. of; 5.0 mi SW. of Pink; at mouth of Brushy Fork; on E. side of rd. at forks; 20 ft NW. of apple tree; on iron post; standard cap stamped "882" (Cap reported removed prior to 1948)	882.041

LINE 1.

By C. E. Walker, 1929; Book B 3517

Concord, at entrance to railway station; in top of W. end of first step; standard tablet stamped "TT STA NO 29 M 1929"	526.149
Reference mark; in front of operator's window at station; on curb; chiseled square	525.18

LINE 2.

By C. E. Walker, 1929; Book B 3517

Vanceburg; in yard of Lewis County Court House; at downstream land corner of Court and Second Streets; 450 ft from top of left bank of Ohio River; 6 ft NW. of inside coping stone on Court Street; 10 ft SW. of inside coping stone on Second Street; 18 ft above upstream river corner of Confederate monument; on 4 in iron pipe; USED standard cap designated "BM 84" (Not found, 1958)	525.420
Vanceburg; 44 ft W. of crossing of eastbound track of Chesapeake and Ohio Railway and Main Street; in E. corner of yard of Commercial Hotel; in concrete post; standard tablet stamped "TT STA NO 40 M 1929"	524.795

LINE 2. (Cont'd.)Feet

U.E., Vanceburg, 1.0 mi NW. of; 60 ft S. of rd. crossing; at semaphore signal 5229; on NW. corner of concrete base; chiseled square	528.64
Vanceburg, 4.1 mi NW. of; 1.4 mi SE. of Rome; 440 ft NW. of milepost 576; 40 ft N. and 25 ft W. of crossing of westbound track and public rd.; 2 ft S. and 6 ft W. of powerline pole; 3 ft lower than surface of rd.; in concrete post; standard tablet stamped "TT STA NO 41 M 1929"	531.990
U.E., Rome, 0.6 mi NW. of station; 1.2 mi SE. of Carrs; on N. side of track; 300 ft W. of milepost 578; at semaphore signal 5781; on SW. corner of concrete base; chiseled square	540.86
Carrs; 17 ft S. and 24 ft W. of crossing of eastbound track and rd.; 4 ft W. of NE. corner fence post; in concrete post; standard tablet stamped "TT STA NO 42 M 1929"	535.661
Reference mark; 300 ft W. of station; on S. side of track; at semaphore signal 5794; on NW. corner of concrete base; chiseled square	538.52
U.E., Carrs, 1.2 mi W. of station; about 700 ft W. of rd. crossing; on N. side of track; at semaphore signal 5807; on SW. corner of concrete base; chiseled square	532.27
"TT STA NO 29 M 1929" (Described in line 1)	526.149

LINE 3.

By C. E. Walker, 1929; Book B 3517

U.E., Vanceburg, 0.6 mi S. of; at rd. forks; 20 ft N. of store of W. M. Martin; on E. end of concrete base for gasoline pump at service station; chiseled square	526.07
Vanceburg, 3.8 mi S. of; 200 ft N. of house of William Jones; 30 ft W. of rd.; 4 ft W. of ditch; in large sandstone outcrop; standard tablet stamped "4 WA 1929 KY"	881.643
Reference mark; in front of house of William Jones; on W. headwall of concrete culvert; chiseled square	876.69
U.E., Vanceburg, 4.6 mi S. of; on SW. corner of concrete bridge over creek; chiseled square	782.58
Kinniconick, 560 ft E. of post office; at forks of rd. E. across creek; 2 ft N. and 4 ft W. of NE. corner post of fence enclosing cultivated field; in concrete post; standard tablet stamped "TT STA NO 51 M 1929" (Bench mark is now covered by 3-ft fill)	679.569

LINE 3. (Cont'd.)Feet

U.E., Kinniconick, 0.8 mi SW. of post office; on S. side of rd.; on NE. end of concrete headwall of culvert; chiseled square 686.41

Kinniconick, 1.8 mi SW. of post office; in top of center concrete pier of bridge; standard tablet stamped "TT STA NO 50 M 1929" 698.568

Reference mark; on SW. corner of bridge over Holly Creek; chiseled square 698.55

/Jogs into Cranston quadrangle/

Glen Springs, 22 ft S. and 46 ft W. of rd. forks; 10 ft N. and 34 ft W. of NE. corner of post office; 7 ft E. of NE. corner post of yard fence; 4 in N. of NW. corner of gasoline pump; in concrete post; standard tablet stamped "TT STA NO 48 M 1929 663" 663.296

LINE 4.

By C. E. Walker, 1929; Book B 3517

U.E., Vanceburg, 0.6 mi S. of; chiseled square (Described in line 3) 526.07

Vanceburg, 3.5 mi SW. of; 0.4 mi E. of Clarksburg; at Church of Christ; on N. side of rd.; in top of concrete stoop; standard tablet stamped "TT STA NO 39 M 1929" 547.578

Reference mark; at entrance to Church of Christ; on lowest concrete step; chiseled square 542.93

U.E., Charters, 1.0 mi NE. of; at Valley School; 80 ft W. of junction of rd. NW.; on SE. corner of concrete curb of well; chiseled square 554.08

Charters, 0.2 mi NE. of rd. forks; 86 ft SE. of Valley Presbyterian Church; opposite door of church; 20 ft NW. of NW. edge of pike; in concrete post; standard tablet stamped "TT STA NO 38 M 1929" (Reported destroyed, 1971) 560.506

U.E., Charters, 2.2 mi W. of; on S. side of rd.; 200 ft SW. of Moore's house; on SW. corner of bridge over Denham Branch; chiseled square 606.81

LINE 5.

By C. E. Walker, 1929; Book B 3517

"TT STA NO 51 M 1929 " (Described in line 3) 679.569

U.E., Kinniconick, 1.0 mi SE. of post office; at Leatherwood Hollow; on N. side of rd.; 200 ft E. of bridge; on large rock; chiseled square 674.98

LINE 6.Feet

By M. C. McClellan, 1929; Book B 3521

USED "BM 84" (Described in line 2) 525.420

U.E., Vanceburg, 1.9 mi E. of; 0.2 mi E. of school; 600 ft E. of rd. crossing; on N. side of track; at signal tower 5699; on SE. corner of base; chiseled square 528.32

Vanceburg, 3.9 mi NE. of; at Black Oak Church; in concrete stoop; standard tablet stamped "TT STA NO 43 M 1929" 581.004

Reference mark; 5 ft N. of tablet; near corner of lower step; chiseled square 580.21

LINE 7.

By M. C. McClellan, 1929; Book B 3521

There are no permanent marks on this line in this quadrangle

LINE 8.

By J. W. McLaughlin, 1947; Book AV 36

U.E., Pink, 0.9 mi S. of; along Rocky Fork rd.; 60 ft SW. of general store; on W. wingwall of wooden bridge; chiseled square 919.92

Pink, 2.0 mi S. of; along Rocky Fork rd.; 17 ft SW. of centerline of rd.; 19 ft SW. of twin oak trees; 73 ft S. of mailbox of James Ross; in concrete post; standard tablet stamped "TT 23 TWC 1947" 1001.967

Reference mark; 20 ft NW. of tablet; 30 ft W. of centerline of rd.; in root on SE. side of 8-in oak tree; copper nail and washer 998.18

U.E., Pink, 3.4 mi S. of; along graded rd.; near site of former Brushy Fork School; 40 ft E. of center of forks of rd. NE.; on E. end of stone culvert; chiseled square 1044.41

Pink, 4.7 mi S. of; 2.0 mi SE. of Twin Creek Fire Tower; 160 ft N. of junction of Brushy Fork and Upper Twin Creek rds.; 40 ft NE. of log house W. of rd.; 20 ft W. of centerline of rd.; in concrete post; standard tablet stamped "8 JWM 1947 882" 882.057

Reference mark; 40 ft S. of tablet; 20 ft E. of house W. of rd.; in root on E. side of 12-in. oak tree; copper nail and washer 881.83

U.E., Twin Creek Fire Tower, 1.0 mi SE. of; along graded rd.; at SE. end of bridge; on SW. wingwall; chiseled square 979.91

LINE 8. (Cont'd.)

	<u>Feet</u>
Twin Creek Fire Tower, 0.2 mi NW. of; 40 ft W. of centerline of junction of rd. W.; in concrete post; standard tablet stamped "9 JWM 1947 1232"	1231.618
Reference mark, 0.2 mi N. of tablet; 40 ft SE. of centerline of junction of rd. NW.; in root on W. side of 14-in oak tree; copper nail and washer	1153.79
Twin Creek Fire Tower, 2.1 mi NW. of; along graded rd.; 60 ft N. of Church of God; 30 ft N. of center of forks of rd. SE.; in concrete post; standard tablet stamped "10 JWM 1947 1169"	1169.224
Reference mark; 380 ft SW. of tablet; 30 ft SE. of centerline of rd; in root on N. side of 10-in locust tree; copper nail and washer	1170.32
Lower Twin Chapel, 3.0 mi N. of; 90 ft SW. of house E. of rd.; 40 ft NW. of barn; 15 ft E. of centerline of rd.; in concrete post; standard tablet stamped "11 JWM 1947 1199"	1199.528
Reference mark; 35 ft E. of tablet; in root on W. side of 24-in. oak tree; copper nail and washer	1200.27
Lower Twin Chapel, 0.7 mi N. of; 40 ft SE. of white house W. of rd.; 15 ft W. of centerline of rd.; 3 ft NW. of 12-in cedar tree; in concrete post; standard tablet stamped "12 JWM 1947 705"	704.987
Buena Vista, 3.4 mi NW. of post office; along Lower Twin Creek rd.; 100 ft SW. of yellow house NE. of rd.; 20 ft W. of centerline of forks of rd. SW. to barn; in concrete post; standard tablet stamped "13 JWM 1947 622"	622.581
Reference mark; 60 ft SE. of tablet; 10 ft SW. of centerline of rd.; in root on NE. side of 14-in. walnut tree; copper nail and washer	623.20
U.E., Buena Vista, 2.5 mi NW. of; along Lower Twin Creek rd.; at SE. entrance to Twin Creek Mission Church; on SE. corner of step; chiseled square	580.33
Buena Vista, 1.6 mi NW. of; along Lower Twin Creek rd.; 45 ft E. of house SW. of rd.; 20 ft SW. of centerline of rd.; in concrete post; standard tablet stamped "14 JWM 1947 541"	540.957
Reference mark; 0.3 mi SE. of tablet; 15 ft NE. of centerline of rd.; on top of property line marker; chiseled square	544.40
U.E., Buena Vista, 0.2 mi NE. of; at steel bridge over Lower Twin Creek; on NW. curbing of NE. end of bridge; chiseled square	519.53

LINE 8. (Cont'd.)Feet

U.E., Buena Vista, 0.7 mi SW. of post office; along U.S. Highway 52; 25 ft NW. of centerline of hwy.; on top of Adams-Scioto County line marker; chiseled square 529.92

Buena Vista, 1.25 mi below; 25 ft from right bank of Ohio River; 200 ft S. of county rd.; on property of Enoch McCall; 54 ft SE. of upper river corner and 73 ft SE. of lower river corner of frame house; in 4- by 4-in. concrete pedestal; on 2-in. iron pipe; USED standard cap designated "BM 598" 522.830

LINE 9.

By J. W. McLaughlin, 1947; Book AV 36

Reference mark, for tablet "TT 19 TWC 1947 746"; 510 ft SW. of tablet; 30 ft N. centerline of T-rd. NW.; in S. base of 18 in. sycamore tree; rail spike 743.57

Rome, 4.9 mi N. of; 27 ft NW. of crossroads on top of mountain; 21 ft W. of mailbox of W. E. Chamblin; 22 ft E. of blazed 22-in. tree; in concrete post; standard tablet stamped "TT 18 TWC 1947 1122" 1121.858

Reference mark, 85 ft E. of tablet; 45 ft E. of centerline of crossroads; in root on S. side of 8-in. maple tree; copper nail and washer 1124.52

U.E., Rome, 4.2 mi N. of; at N. end of concrete culvert; on W. headwall; chiseled square 649.39

Rome, 3.0 mi N. of; 22 ft NW. of centerline of Stout Run; 16 ft SE. of centerline of rd.; 33 ft NE. of triple sycamore tree; in concrete post; standard tablet stamped "TT 17 TWC 1947 584" (Reported possibly disturbed due to erosion, 1958) 583.913

Reference mark, 300 ft SW. of tablet; at NE. end of concrete culvert; on SE. headwall; chiseled square 582.23

U.E., Rome, 1.9 mi N. of; at N. end of concrete culvert; on W. wing-wall; chiseled square 533.96

Rome, 1.0 mi N. of; 22 ft E. of centerline of rd.; 55 ft NE. of junction of rd.; 13 ft NE. of mailbox of Harold Wilson; in concrete post; standard tablet stamped "TT 16 TWC 1947 525" 524.850

Reference mark, 415 ft S. of tablet; at N. end of concrete culvert; on E. headwall; chiseled square 517.26

U.E., Rome, 0.2 mi N. of; 25 ft NE. of centerline of U.S. Highway 52; at cross road; on SE. end of concrete culvert; chiseled square 528.51

LINE 9. (Cont'd.)Feet

Rome, 1.0 mi above; 0.15 mi from right bank of Ohio River; on property of J. D. Forsythe; 112 ft riverward from county rd.; 100 ft above head of ravine; 13 ft from upper river corner and in line with upper end of barn; in 4- by 4-in. concrete pedestal; on 2-in. iron pipe; USED standard cap designated "BM 608"

534.520

LINE 10.

By J. W. McLaughlin, 1947; Book AV 36

Reference mark, 0.4 mi S. of tablet; in E. headwall of N. end of concrete culvert; chiseled square

535.12

Beasley Fork, 3.0 mi SE. of; at Cedar College School; at rd forks; on iron post; standard cap stamped "550"

550.681

Cedar College School, 1.1 mi S. of; 4.6 mi N. of mouth of Ohio Brush Creek; 20 ft SW. of center of private driveway N. to house; 2 ft NW. of telephone pole; in concrete post; standard tablet stamped "17 JWM 1947 512"

512.370

Reference mark; 540 ft SE. of tablet; 20 ft W. of rd.; on creek bank; in root on N. side of 18-in. sycamore tree; copper nail and washer

491.06

Mouth of Ohio Brush Creek, 2.7 mi N. of; about 300 ft S. of house E. of rd.; 15 ft E. of centerline of rd.; 10 ft N. of drain; in concrete post; standard tablet stamped "18 JWM 1947 545"

544.832

Reference mark; 40 ft S. of tablet; 20 ft E. of centerline of rd.; in root on W. side of 18-in. walnut tree; copper nail and washer

543.87

Rome, 2.3 mi downstream from; 500 ft W. of Alex Run; on property of A. O. Lockhart; 48 ft landside of centerline of county rd.; 32 ft from fence corner; 16 ft from fenceline; 40 ft W. of spike in triangular blaze in 6-in. apple tree; 300 ft from river bank; in 4- by 4-in. concrete pedestal; on 2-in. iron pipe; USED standard cap designated "612"

540.520

LINE 11.

By J. W. McLaughlin, 1947; Book AV 36

Vanceburg, 3.7 mi S. of; thence 4.0 mi SE.; 4.4 mi W. of Tannery; about 65 ft E. of house NW. of rd.; 15 ft NW. of; and 6 ft higher than centerline of rd.; in concrete post; standard tablet stamped "23 JWM 1947 702"

702.550

Reference mark; 40 ft SW. of tablet; 10 ft NW. of centerline of rd.; in root on SE. side of 12-in. maple tree; copper nail and washer

701.51

Vanceburg, 3.7 mi S. of; thence 2.2 mi SE. along Rock Run rd.; 10 ft NE. of E. corner of wooden bridge; 10 ft E. of creek; in concrete post; standard tablet stamped "24 JWM 1947 850"

850.283

LINE 11. (Cont'd.)Feet

Reference mark; 45 ft SW. of tablet; 25 ft SW. of centerline of rd.; in root on SW. side of 8-in. oak tree; copper nail and washer	849.00
"4 WA 1929 KY" (Described in line 3)	881.643

LINE 12.

By J. W. McLaughlin, 1947; Book AV 36

U.E., Charters, 1.0 mi NE. of; chiseled square (Described in line 4)	554.08
"TT STA NO 38 M 1929" (Described in line 4)	560.506
Charters, 2.3 mi SE. of; along graded rd.; 25 ft SW. of centerline of junction of rd. SW.; 8 ft NW. of fence post; in concrete post; standard tablet stamped "25 JWM 1947 1139"	1138.550
Reference mark, 270 ft N. of tablet; on top of hill; 20 ft W. of centerline of rd.; in base on W. side of 12-in. oak tree; rail spike	1153.23
Charters, 4.0 mi SE. of; along graded rd.; 20 ft E. of centerline of junction of rd. NE.; in concrete post; standard tablet stamped "26 JWM 1947 857"	856.837
Reference mark; 200 ft SE. of tablet; 60 ft NE. of centerline of rd.; in root on S. side of 12-in. beech tree; copper nail and washer	851.91
Charters, 5.9 mi SE. of; along graded rd.; about 250 ft SE. of house N. of rd.; 30 ft NW. of centerline of junction of rd. N.; in concrete post; standard tablet stamped "27 JWM 1947 756"	755.477
Reference mark, 130 ft E. of tablet; 20 ft N. of centerline of rd.; in root on S. side of 8-in. oak tree; copper nail and washer	757.36
U.E., Kinniconick, 1.1 mi SW. of post office; about 120 ft E. of house SW. of rd.; on S. headwall of concrete culvert; chiseled square	689.88
Kinniconick Post Office; 650 ft E. of; along State Highway 24; in NE. abutment of concrete bridge over Grassy Branch; standard tablet stamped "TT 10 TWC 1947 686"	686.190
Reference mark, 75 ft SW. of tablet; on SW. wingwall of concrete bridge; chiseled square	685.16
Kinniconick, 0.7 mi N. of post office; along State Highway 59; thence 2.0 mi NW. along Fuller Branch rd.; 6.5 ft SW. of centerline of rd.; 3 ft NE. of gas pipeline; 41 ft SE. of telephone pole 2343; in concrete post; standard tablet stamped "TT 11 TWC 1947 853"	852.847
Reference mark; 300 ft NE. of tablet; 10 ft NW. of centerline of rd.; in root on NW. side of 8-in. oak tree; copper nail and washer	862.72

LINE 12. (Cont'd)Feet

Clarksburg, 1.3 mi NE. of; along State Highway 10; thence 2.2 mi S. along Hazel Branch rd.; 10 ft NW. of centerline of rd.; 9 ft SE. of twin mulberry trees; 12 ft S. of 12-in. poplar tree; in concrete post; standard tablet stamped "TT 12 TWC 1947 770" 770.423

Reference mark; 30 ft NW. of tablet; 40 ft N. of centerline of junction of rd. NW.; in root on E. side of 6-in. elm tree; copper nail and washer 768.12

Clarksburg, 1.3 mi NE. of; along State Highway 10; 75 ft E. of E. end of steel bridge over Salt Lick; 65 ft S. of intersection of hwy. and Salt Lick rd.; in concrete post; standard tablet stamped "TT 13 TWC 1947 535" (Reported destroyed, 1961) 534.591

Reference mark; 160 ft W. of tablet; on NW. abutment of bridge over Salt Lick Creek; chiseled square 531.09

"TT STA NO 39 M 1929" (Described in line 4) 547.578

LINE 13.

By J. W. McLaughlin, 1947; Book AV 36

Vanceburg, 5.9 mi below; 400 ft from high left bank of Ohio River; opposite Rome station; 1.0 mi below U. S. Lock and Dam 32; 0.3 mi above mouth of Pond Run; on property of Benjamin Bradford; immediately above fenceline at upper edge of rd. to Bradford's Landing; in 4- by 4-in concrete; on 2-in. iron pipe; standard cap designated USED "BM 591" 510.750

"TT STA NO 41 M 1929" (Described in line 2) 531.990

Martin, 4.2 mi E. of; along Quick Run rd.; 25 ft SE. of; and 2 ft lower than centerline of junction of N.-S. rd. and rd. W.; in concrete post; standard tablet stamped "28 JWM 1947 512" 512.058

Reference mark, 310 ft SW. of tablet; 20 ft NW. of centerline of rd.; in root on NW. side of 10-in. walnut tree; copper nail and washer 517.19

U.E., Martin, 3.2 mi E. of; along Quick Run rd.; at E. end of bridge; on N. headwall; chiseled square 550.00

Martin, 2.3 mi E. of; along Quick Run rd.; 40 ft W. of SW. end of bridge; 20 ft SW. of centerline of junction of rd. S.; in concrete post; standard tablet stamped "29 JWM 1947 562" 561.847

Reference mark, 45 ft NE. of tablet; at W. end of bridge; on N. headwall; chiseled square 563.23

U.E., Martin, 1.1 mi E. of; at W. end of bridge; on S. headwall; chiseled square 564.10

LINE 13 (Cont'd.)Feet

Martin, in village; 15 ft SE. of centerline of rd. S. to Martin Christian Church; 2 ft NE. of fence corner; in concrete post; standard tablet stamped "30 JWM 1947 565"	564.773
Reference mark, 28 ft W. of tablet; at E. end of bridge; on S. headwall; chiseled square	566.43
U.E., Martin, 1.4 mi W. of; along Quick Run rd.; at E. end of bridge; on N. headwall; chiseled square	593.54
Martin, 1.9 mi SW. of; along Quick Run rd.; 70 ft SE. of Muses Chapel; 20 ft SE. of centerline of rd.; in concrete post; standard tablet stamped "31 JWM 1947 617"	617.122
Reference mark, 40 ft NE. of tablet; at SW. end of bridge; on SE. headwall; chiseled square	615.44
U.E., Martin, 2.9 mi W. of; along Quick Run rd.; at E. end of bridge; on S. headwall; chiseled square	655.82

LINE 14.

By J. W. McLaughlin, 1947; Book AV 36

Concord, on Jefferson Street; 8 ft above downstream line of street; about 315 ft riverside of C. & O. RR.; 37 ft NE. of upstream river corner of house; 19 ft NE. of spike in 24-in. locust tree; 44 ft NW. of spike in 14-in. walnut tree; 53 ft NW. of downstream corner of house; 35 ft from top of river bank; in center of 4-in. iron pipe mounted on 18- by 18-in. concrete slab; USED standard copper bolt designated "BM 85"	512.440
"TT STA NO 29 M 1929" (Described in line 1)	526.149

LINE 15.

By J. D. Nikolaus, 1949; Book AV 98

"TT 48 M 1929 663" (Described in line 3)	663.296
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LINE 16.

By E. O. Miner, 1949; Book AV 100

Highway Bridge over Kinniconick Creek; 0.1 mi NW. of; along State Highway 59; thence 0.9 mi E.; thence 2.3 mi N.; 220 ft S. along Kinniconick Road from junction of T-rd. and driveway NW.; in N. end of inlet parapet wall of concrete culvert over Puncheon Camp Creek; standard tablet stamped "85 EOM 1949 RESET 1959" (unchecked elevation)	591.85
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LINE 17.Feet

By J. W. McLaughlin, 1959; Book AV 754

Beasley Fork Chapel, 220 ft E. and 25 ft S. of; and 4 ft lower than
centerline of junction of T-rd. S.; in NW. corner of concrete patio
of church; standard tablet stamped "178 JWM 1959 546"

545.469

"550" (Described in line 10)

550.681

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

38-083-13
VANCEBURG QUADRANGLE
194 KY.-8 OHIO
N3830-W8315/15
DIAGRAM NJ 17-4
HUNTINGTON

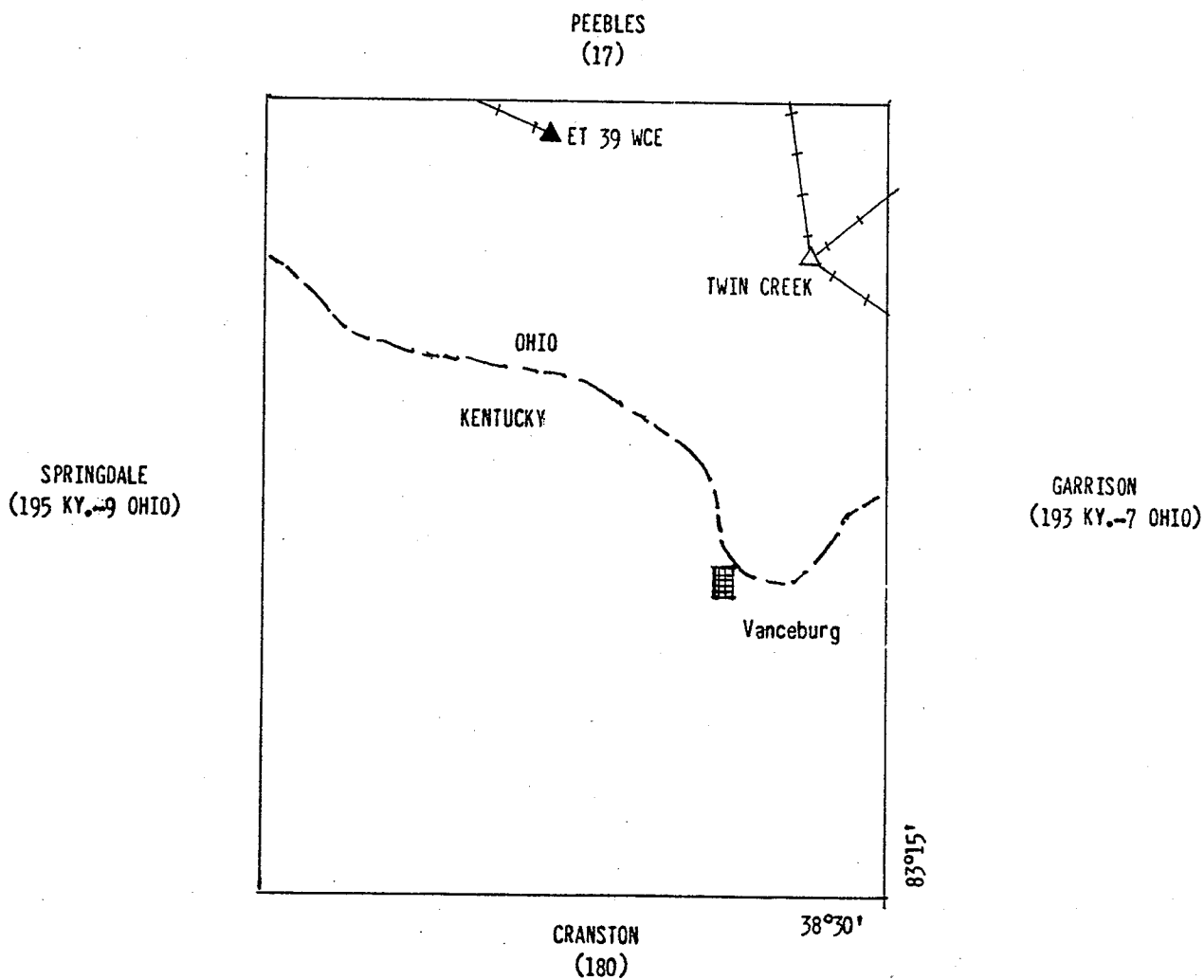
Lewis County, Kentucky; Adams
and Sciota Counties, Ohio

Edition of 5/24/77

PR: CRV/rmm

Plane coordinates are based on Lambert projection,
Kentucky, North Zone and Ohio, South Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

194 KY.-8 OHIO
VANCEBURG QUADRANGLE

38-083-13
N3830-W8315/15

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TT STA NO 41 M 1929	3		
TT STA NO 42 M 1929	3		
TT STA NO 43 M 1929	4		
TT STA NO 48 M 1929 663	4		
TT STA NO 50 M 1929	4		
TT STA NO 51 M 1929	4		
TT 105 G 1936	4		
9 JMM 1947 1232	6		
TT 10 TWC 1947 686	4		
TT 11 TWC 1947 853	4		
TT 12 TWC 1947 770	5		
TT 13 TWC 1947 535	5		
TT 14 TWC 1947	5		
TT 15 TWC 1947	5		
TT 16 TWC 1947 525	5		
TT 17 TWC 1947 584	5		
TT 18 TWC 1947 1122	6		
TT 21 TWC 1947	6		
TT 23 TWC 1947	6		
ET 39 WCE 1959	6	1	153A
<u>USED</u>			
BM 608	5		

194 KY.-8 OHIO
VANCEBURG QUADRANGLE

38-083-13

3

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By J. R. Ellis, 1910; Bull. 552

Buena Vista, 0.5 mi NE. of; 30 ft W. of center of crossroads; on iron post; standard cap stamped
"PRIM TRAV STA NO 9 1910 OHIO 515" (Not found, 1948)

Ky. N.) X = 2,284,320 Y = 413,451 38 37 52.10 83 15 17.00

Rome, 50 ft SE. of center of intersection of Main and Second Streets; on iron post; standard cap stamped
"PRIM TRAV STA NO 16 1910 524" (Reported destroyed, 1948)

X = 2,248,110 Y = 425,037 38 39 50.30 83 22 51.90

By S. H. Moyers, 1929; Books C8889-90

Concord; in top of W. end of first step to Concord railroad station; standard tablet stamped "TT STA NO 29 M 1929"

X = 2,216,937 Y = 433,052 38 41 12.21 83 29 25.22

Charters, 0.2 mi NE. of; 86 ft SE. of, and opposite door of Valley Presbyterian Church; 20 ft NW. of N. edge
of pike; in concrete post; standard tablet stamped "TT STA NO 38 M 1929"

X = 2,234,351 Y = 392,735 38 34 32.21 83 25 48.99

Vanceburg, 3.5 mi SW. of, 0.4 mi E. of Clarksburg; on N. side of rd.; in concrete stoop of Church of Christ;
standard tablet stamped "TT STA NO 39 M 1929"

X = 2,251,974 Y = 396,460 38 35 07.42 83 22 06.65

Vanceburg; 44 ft W. of eastbound track of Chesapeake and Ohio Railway at Main Street crossing; in E. corner
of Commercial Hotel yard; in concrete post; standard tablet stamped "TT STA NO 40 M 1929"

X = 2,266,148 Y = 402,438 38 36 05.21 83 19 07.39

Vanceburg, 4.1 mi NW. of; 440 ft NW. of milepost 576; 40 ft N. and 25 ft E. of westbound track of C. & O.
Ry. at public rd. crossing; 2 ft S. and 6 ft W. of high tension line pole; 3 ft below surface of rd.; in
concrete post; standard tablet stamped "TT STA NO 41 M 1929"

X = 2,254,064 Y = 419,007 38 38 50.09 83 21 37.58

Carrs, 17 ft S. and 24 ft W. of rd. crossing eastbound track; 4 ft W. of NE. corner fencepost; in concrete
post; standard tablet stamped "TT STA NO 42 M 1929"

X = 2,237,174 Y = 422,648 38 39 27.64 83 25 10.04

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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OBSOLETE MARKS (Cont'd.)

By S. H. Moyers, 1929; Books C9006-7

Vanceburg, 3.9 mi E. of; in concrete stoop to Black Oak Church; standard tablet stamped "TT STA NO 43 M 1929"

Ky. N.)	X = 2,282,867	Y = 404,571	38 36 24.49	83 15 36.51
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Glen Springs; 22 ft S. and 46 ft W. of rd. forks; 10 ft N. and 34 ft W. of NE. corner of post office; 7 ft E. of NE. corner post of yard fence; 0.3 ft N. of NW. corner of gasoline pump; in concrete post; standard tablet stamped "TT STA NO 48 M 1929 663"

	X = 2,218,621	Y = 368,922	38 30 38.15	83 29 09.52
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Kinniconick, 1.8 mi SW. of post office; in top of center concrete pier of bridge; standard tablet stamped "TT STA NO 50 M 1929"

	X = 2,256,288	Y = 367,739	38 30 23.09	83 21 15.83
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Kinniconick; 560 ft E. of post office; at rd. fork E. across creek; 2 ft N. and 4 ft W. of NE. corner fencepost of cultivated field; in concrete post; standard tablet stamped "TT STA NO 51 M 1929" (NOTE: Station now covered by 3-ft fill)

	X = 2,261,655	Y = 373,093	38 31 15.51	83 20 07.65
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By G. B. Grunwell, 1936; Book D1886

Churn Creek School; 45 ft N. and 43 ft W. of NW. corner of; about 0.5 mi SE. of C.C.C. Camp Adams; 2.0 mi NNW. of Twin Creek lookout tower; 73 ft N. of triangular blaze on 24-in. sycamore tree; 25 ft S. of centerline of rd.; about on boundary between Shawnee State Forest and school property; in concrete post; standard tablet stamped "TT 105 G 1936" (Reported destroyed, 1958)

	X = 2,273,619	Y = 447,410	38 43 28.90	83 17 27.38
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By T. W. Cayce, 1947; Book AH 56

Kinniconick Post Office; 650 ft E. of, along State Highway 59; in NE. abutment of concrete bridge over Grassy Branch; standard tablet stamped "TT 10 TWC 1947 686"

	X = 2,261,744	Y = 373,110	38 31 15.67	83 20 06.53
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Kinniconick Post Office, 0.8 mi E. of, along State Highway 59, thence 2.0 mi NW. along Fullers Run; 6 ft SW. of centerline of rd.; 3 ft NE. of gasoline; 41 ft SE. of telephone pole 2343; in concrete post; standard tablet stamped "TT 11 TWC 1947 853"

	X = 2,250,788	Y = 380,177	38 32 26.58	83 22 23.53
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Clarksburg, 1.3 mi NE. of, along State Highway 10, thence 2.2 mi S. along Salt Lick Road; 10 ft NW. of centerline of rd.; 9 ft SE. of twin mulberry trees; 12 ft S. of 12-in. poplar tree; in concrete post; standard tablet stamped "TT 12 TWC 1947 770"

Ky. N.)	X = 2,254,761	Y = 390,235	38 34 05.60	83 21 32.30
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Clarksburg, 1.3 mi NE. of, along State Highway 10; 75 ft E. of E. end of steel bridge over Salt Lick; 65 ft S. of intersection of hwy. and Salt Lick Road; in concrete post; standard tablet stamped "TT 13 TWC 1947 535" (Reported destroyed, 1961)

	X = 2,257,656	Y = 398,418	38 35 26.23	83 20 54.85
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Vanceburg, 1.7 mi SW. of post office, along State Highway 10, thence 1.4 mi N. along Fly Branch; 24 ft NW. of driveway N.; 4 ft NE. of fence corner; on property of Elwood Hauck; in concrete post; standard tablet stamped "TT 14 TWC 1947"

	X = 2,254,005	Y = 406,319	38 36 44.68	83 21 39.86
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Vanceburg, 3.6 mi W. of post office, along State Highway 8, thence 1.0 mi S. along Quicks Run, thence 0.5 mi SE. to residence of Owen Brooks; 190 ft S. of SE. corner of house; 3 ft SE. of NE. corner of corn crib; in concrete post; standard tablet stamped "TT 15 TWC 1947"

	X = 2,252,585	Y = 410,932	38 37 30.41	83 21 57.19
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Rome, 1.0 mi above; 0.15 mi from right bank of Ohio River; on property of J. D. Forsythe; 112 ft riverward from county rd.; 100 ft above head of ravine; 13 ft from upper river corner and in line with upper end of barn; in concrete pedestal, on 2-in. iron pipe; USED standard cap designated "BM 608" (Tied by NGS, 1953)

	X = 2,254,023.45	Y = 423,611.12	38 39 35.607	83 21 37.530
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Rome (Stout), 1.0 mi NE. of post office, along Stout Run Road; 22 ft E. of centerline of rd.; 55 ft NE. of junction of T-rd.; 13 ft NE. of mailbox of Harold Wilson; in concrete post; standard tablet stamped "TT 16 TWC 1947 525"

	X = 2,249,119	Y = 429,413	38 40 33.42	83 22 38.67
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Rome (Stout), 3.0 mi NE. of, along Stout Run Road; 16 ft SE. of centerline of rd.; 22 ft NW. of center of Stout Creek; 33 ft NE. of ripe sycamore tree; in concrete post; standard tablet stamped "TT 17 TWC 1947 584" (Reported possibly disturbed due to erosion, 1958)

	X = 2,250,374	Y = 439,031	38 42 08.37	83 22 21.68
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194 KY.-8 OHIO
VANCEBURG QUADRANGLE

38-083-13
6

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Rome, 4.9 mi NE. of, along Stout Run Road; 27 ft NW. of intersection of crossroads on top of mountain; 21 ft W. of mailbox of W. E. Chamblin; 22 ft E. of 22-in. blazed tree; in concrete post; standard tablet stamped "TT 18 TWC 1947 1122"

Ky. N.) X = 2,252,159 Y = 447,826 38 43 35.14 83 21 58.12

Blue Creek Post Office, 0.7 mi S. of, along Blue Creek Run, thence 2.0 mi E. along Churn Creek; 58 ft E. of SE. headwall of concrete bridge; 19 ft NE. of junction of Y-rd.; 4 ft S. of wire fence; in concrete post; standard tablet stamped "TT 21 TWC 1947"

X = 2,266,123 Y = 455,648 38 44 51.09 83 19 00.92

Pink, 2.0 mi S. of, along Rocky Fork Road; 17 ft SW. of centerline of rd.; 19 ft SE. of twin oak trees; 73 ft S. of mailbox of James Rose; in concrete post; standard tablet stamped "TT 23 TWC 1947"

X = 2,282,154 Y = 448,207 38 43 35.89 83 15 39.57

Brushy Fork School, 1.3 mi SW. of; 5.0 mi SW. of Pink; at mouth of Brushy Fork; on E. side of rd. at forks; 20 ft NW. of apple tree; on iron post; standard cap stamped "882" (Cap reported removed prior to 1948)

X = 2,282,106 Y = 435,778 38 41 33.04 83 15 41.87

Twin Creek Fire Tower, 0.2 mi NW. of; 40 ft W. of centerline of junction of rd. W.; in concrete post; standard tablet stamped "9 JWM 1947 1232"

X = 2,276,463 Y = 440,038 38 42 15.74 83 16 52.47

THIRD-ORDER ELECTRONIC TRAVERSE

Final adjustment of 1977

LINE 1.

By W. C. Elder, 1959; Book AH 594

153A. Blue Creek, 4.0 mi SW. of; 2.5 mi SE. of Lynx; on S. side of old house; 79 ft SW. of large catalpa tree; 28 ft SE. of SW. corner of building; 26 ft SW. of SE. corner of building; in concrete post projecting 3 in.; standard tablet stamped "ET 39 WCE 1959". Grid azimuth (Ohio S. Zone) to West Union Municipal Tank: 113°21'15"

X = 1,747,525 Y = 270,945 38 14 26.64 85 07 44.58